








| ref | name | NOBEL ECLIPS | |
|---------------------------------|----------------------------|--|---|
| LEAF | 497426 | NOBEL ECLIPS LEAF 2700K | TEXTURED BLACK 2700K |
| | 497447 | NOBEL ECLIPS LEAF 2700K | TEXTURED WHITE 2700K |
| | 497492 | NOBEL ECLIPS LEAF 2700K | TEXTURED WHITE + GOLD 2700K |
| | 497494 | NOBEL ECLIPS LEAF 2700K | TEXTURED WHITE + BLACK FOCUS 2700K |
| | 497495 | NOBEL ECLIPS LEAF 2700K | TEXTURED BLACK + TEXT WHITE FRONT 2700K |
| | 497496 | NOBEL ECLIPS LEAF 2700K | BLACK + GOLD 2700K |
| | 497416 | NOBEL ECLIPS LEAF 3000K | TEXTURED BLACK 3000K |
| | 497437 | NOBEL ECLIPS LEAF 3000K | TEXTURED WHITE 3000K |
| | 497482 | NOBEL ECLIPS LEAF 3000K | TEXTURED WHITE + GOLD 3000K |
| | 497484 | NOBEL ECLIPS LEAF 3000K | TEXTURED WHITE+BLACK FOCUS 3000K |
| | 497485 | NOBEL ECLIPS LEAF 3000K | TEXTURED BLACK+TEXT WHITE FRONT 3000K |
| | 497486 | NOBEL ECLIPS LEAF 3000K | BLACK+GOLD 3000K |
| | 497436 | NOBEL ECLIPS LEAF 4000K | TEXTURED BLACK 4000K |
| | 497457 | NOBEL ECLIPS LEAF 4000K | TEXTURED WHITE 4000K |
| | 497462 | NOBEL ECLIPS LEAF 4000K | TEXTURED WHITE + GOLD 4000K |
| | TORSION | 497464 | NOBEL ECLIPS LEAF 4000K |
| 497465 | | NOBEL ECLIPS LEAF 4000K | TEXTURED BLACK+TEXT WHITE FRONT 4000K |
| 497466 | | NOBEL ECLIPS LEAF 4000K | BLACK+GOLD 4000K |
| 497126 | | NOBEL ECLIPS TORSION 2700K | TEXTURED BLACK 2700K |
| 497147 | | NOBEL ECLIPS TORSION 2700K | TEXTURED WHITE 2700K |
| 497192 | | NOBEL ECLIPS TORSION 2700K | TEXTURED WHITE + GOLD 2700K |
| 497194 | | NOBEL ECLIPS TORSION 2700K | TEXTURED WHITE + BLACK FOCUS 2700K |
| 497195 | | NOBEL ECLIPS TORSION 2700K | TEXTURED BLACK + TEXT WHITE FRONT 2700K |
| 497196 | | NOBEL ECLIPS TORSION 2700K | BLACK + GOLD 2700K |
| 497116 | | NOBEL ECLIPS TORSION 3000K | TEXTURED BLACK 3000K |
| 497137 | | NOBEL ECLIPS TORSION 3000K | TEXTURED WHITE 3000K |
| 497182 | | NOBEL ECLIPS TORSION 3000K | TEXTURED WHITE + GOLD 3000K |
| 497184 | | NOBEL ECLIPS TORSION 3000K | TEXTURED WHITE+BLACK FOCUS 3000K |
| 497185 | | NOBEL ECLIPS TORSION 3000K | TEXTURED BLACK+TEXT WHITE FRONT 3000K |
| 497186 | | NOBEL ECLIPS TORSION 3000K | BLACK+GOLD 3000K |
| 497136 | | NOBEL ECLIPS TORSION 4000K | TEXTURED BLACK 4000K |
| 497157 | | NOBEL ECLIPS TORSION 4000K | TEXTURED WHITE 4000K |
| 497162 | | NOBEL ECLIPS TORSION 4000K | TEXTURED WHITE + GOLD 4000K |
| 491164 | | NOBEL ECLIPS TORSION 4000K | TEXTURED WHITE+BLACK FOCUS 4000K |
| 497165 | | NOBEL ECLIPS TORSION 4000K | TEXTURED BLACK+TEXT WHITE FRONT 4000K |
| 497166 | NOBEL ECLIPS TORSION 4000K | BLACK+GOLD 4000K | |
| safe distance to object | |  - 0,1m -  | |
| lamp / (lum.flux) / (colortemp) | | Luxeon M 400lm / 429lm / 470lm 2700K / 3000K / 4000K | |
| fitting | | None | |
| watt | | 3,82W | |
| voltage or current | | 350mA DC (Vf = 10.95V) | |
| symbol | |  | |
| gear | | Converter not incorporated | |
| ip/class | | IP20  | |
| application | | Ceiling mounted  | |
| orientability | | 15°-20° (inner-outer ring)  | |
| dimmability | | PWM dimmable | |
| weight | |  0.1 | |
| beamangle | | 36° | |
| CRI | | 90 | |
| SDCM | | 3 | |

INSTALLATIE- EN ONDERHOUDSRICHTLIJNEN m.b.t. FABRIEKSGARANTIE.
1. DE VERBINDINGEN EN HET UITTESTEN VAN DEZE TOESTELLEN DIENEN ALTIJD TE GEBEUREN DOOR EEN ERKENND ELECTRO-INSTALLATEUR.
2. DEZE VERLICHTINGSTOESTELLEN MOETEN GE'INSTALLEERD, VERBONDEN EN GETEST WORDEN VOLGENS DE NATIONAAL GELDENDE REGLEMENTEN OP DE ELECTRISCHE INSTALLATIES (BELGIE?, A.R.E.I., DUITSLAND: DIN VDE 0100 TEIL 559 A2, ...; DEZE OPSOMMING IS LOUWER INFORMATIEF)
3. DE TECHNISCHE BESLUITER MOET GEZIEN WORDEN ALS ONDERDEEL VAN DE ALGEMENE VERKOOPVOORWAARDEN VAN TAL N.V.
4. DE ELECTRO-INSTALLATEUR IS VERANTWOORDELIJK VOOR HET GEBRUIKEN VAN VOORSCHAKELAPPARATUUR DIE VOLDOET AAN DE GELDENDE CE EN EMC NORMEN.
5. VERVANG DE LAMP (-EN) ALTIJD MET DE GROOTSTE ZORG, ZE IS (ZIJN) UITERST BREEKBAAR.
6. OPGEFIST: PLAATS NOOIT DE LAMP MET BLOTE HANDEN, GEBRUIK ALTIJD EEN DOEK!

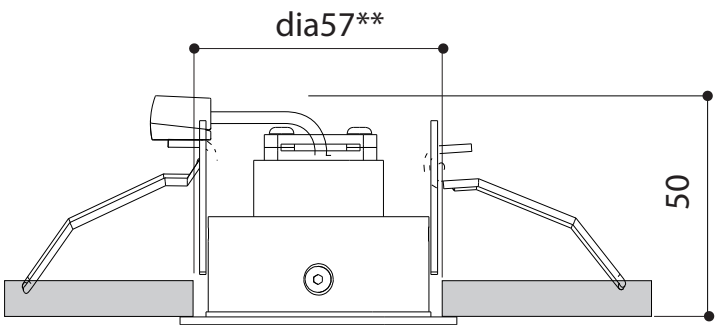
INSTRUCTIONS D'INSTALLATION ET D'ENTRETIEN A RESPECTER VIS-A-VIS DE LA GARANTIE.
1. LE PLACEMENT, LE RACCORDEMENT ET L'ESSAI DE CET APPAREIL DOIVENT TOUJOURS ENTRE EFFECTUES PAR UN INSTALLATEUR ELECTRICIEN AGREE.
2. LES LUMINAIRES DOIVENT ENTRE INSTALLEZ, BRANCHES ET TESTES SUIVANT LE REGLEMENT NATIONAL SUR LES INSTALLATIONS ELECTRIQUES EN VIGUEUR. (BELGIQUE, A.R.E.I., ALLEMAGNE: DIN VDE 0100 TEIL 559 A2, ...; CETTE ENUMERATION EST INDICATIVE)
3. CE MANUEL D'INSTALLATION TECHNIQUE REPRESENTE UNE PARTIE DES CONDITIONS GENERALES DE VENTE DE TAL N.V.
4. LELECTRO-INSTALLATEUR EST RESPONSABLE POUR L'USAGE DE BALLASTS, TRANSFO.S.,...CONFORMES AUX NORMES CE ET EMC EN VIGUEUR.
5. REMPLACEZ TOUJOURS L'AMPOULE (LES AMPOULES) AVEC PRUDENCE; ELLE(-S) EST (SONT) TRES FRAGILE (-S).
6. ATTENTION: NE JAMAIS REMPLACER L'AMPOULE AUX MAINS NUES, UTILISEZ TOUJOURS UN CHIFFON !


INSTALLATION AND MAINTENANCE INSTRUCTIONS IN VIEW OF THE MANUFACTURER'S GUARANTEE.
1. THE CONNECTION AND TESTING OF THE DEVICES SHOULD ALWAYS BE PERFORMED BY A RECOGNIZED ELECTRICIAN.
2. THESE LIGHTING DEVICES NEED TO BE INSTALLED, CONNECTED AND TESTED FOLLOWING THE OFFICIAL NATIONAL INSTRUCTION GUIDE FOR ELECTRICAL INSTALLATIONS (BELGIUM, A.R.E.I., GERMANY: DIN VDE 0100 TEIL 559 A2, ...; THIS ENUMERATION IS JUST AN INDICATION)
3. THIS TECHNICAL ENCLOSURE NEEDS TO BE ADDED TO THE GENERAL SALES CONDITION OF THE TAL N.V.
4. THE ELECTRO TECHNICIAN IS RESPONSABLE TO USE BALLASTS, TRANSFORMERS,...WHICH MEET THE VALID CE AND EMC RULES.
5. ALWAYS REPLACE THE LAMP (-S) WITH UTMOST CAUTIONESS, THE LAMP (-S) IS (ARE) VERY FRAGILE.
6. ATTENTION: NEVER REPLACE THE LAMP WITH BARE HANDS, ALWAYS USE A CLOTH!

MONTAGE- UN UNTERHALT INSTRUCTIONS ZU BEACHTEN MIT BEZUG AUF DER GARANTIE.
1. DIE MONTAGE, DER ANSCHLUSS UND DAS AUSTESTEN DER LEUCHTEN SOLI IMMER VON EINEM ZUSTANDIGEN ELECTRO-INSTALLATEUR AUSGEFUEHRT WERDEN.
2. DIESE LEUCHTEN MYÜSSEN INSTALLIERT, ANGESCHLOSSEN UND GETESTET WERDEN NACH DER ALLGEMEINEN NATIONALEN REGLEMENTATION ÜBER DIE ELEKTRISCHE INSTALLATIONEN (BELGIEN, A.R.E.I., DEUTSCHLAND: DIN VDE 0100 TEIL 559 A2, ...; DIESE AUFSTELLUNG GESCHICHT DURCH EXEMPLATIVEN TITEL UND KANN NICHT ALS LIMITATIV ODER ERHAUTV BETRACHTET WERDEN).
3. DIESE TECHNISCHE GEBRAUCHSANWEISUNG GEHÖRT ZU DEN ALLGEMEINEN VERKAUFSBEDINGUNGEN VON TAL N.V.
4. DER ELEKTRO-INSTALLATEUR IST VERANTWÖRTLICH FÜR DAS VERWENDEN VON CE UND EMC GEPRÜFTE VORSCHALTGERÄTE.
5. DIE LAMPEN(-N) SOLL(-EN) IMMER SEHR VORSICHTIG ERSETZT WERDEN.
6. VORSICHT: MAN DARF NIE DIE LAMPE MIT DEN NACKTEN HAENDEN BERÜHREN, MAN SOL IMMER EINEN TUCH BENUTZEN !

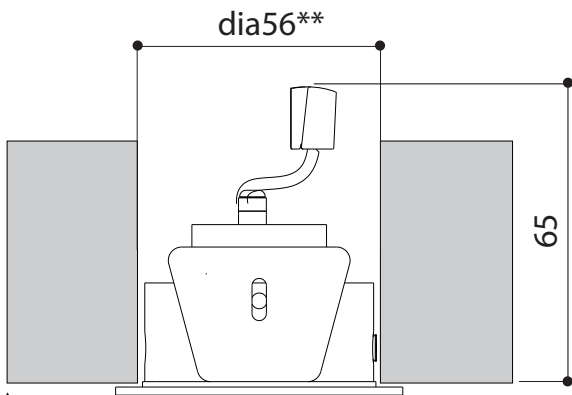
① MAKE HOLE :

Torsion (only for hollow ceilings) :

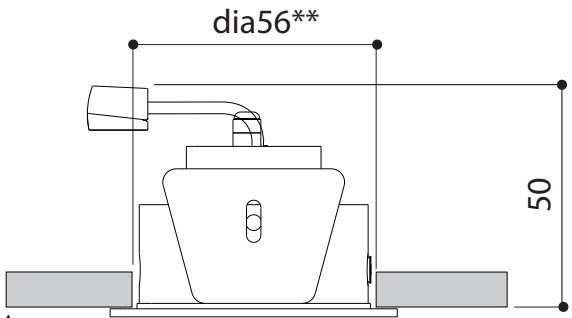


 MIN. INSTALLATION DEPTH IN HOLLOW CEILINGS: 50mm
MIN. CEILING THICKNESS: 9,5mm
MAX. CEILING THICKNESS: 25mm

Leaf (for all ceiling types) :



 MIN. INSTALLATION DEPTH IN SOLID CEILINGS: 65mm



 MIN. INSTALLATION DEPTH IN HOLLOW CEILINGS: 50mm

**for metal, wood and plasterboard use standard drill size 57mm

**for concrete use standard drill size 56mm

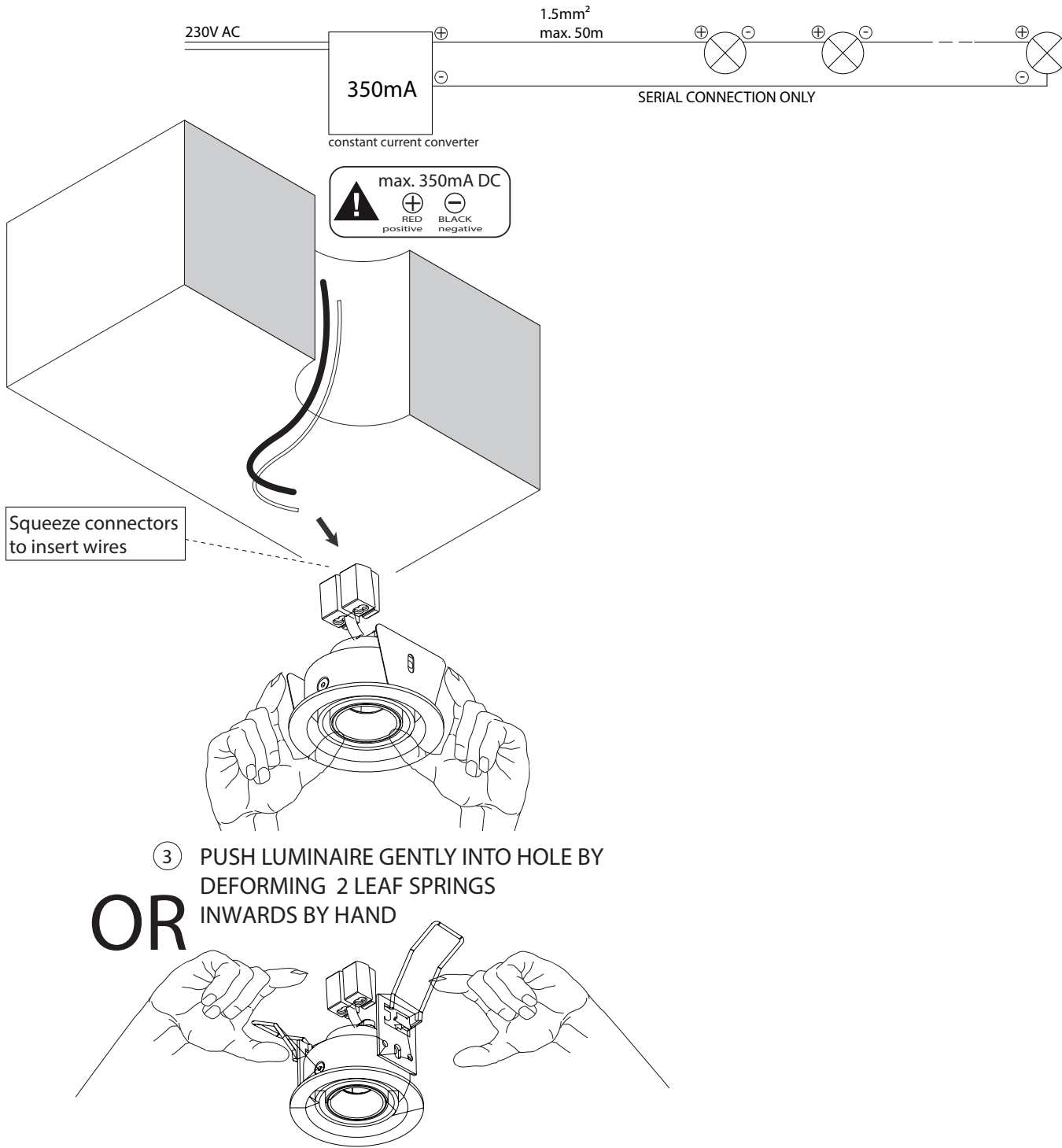


ALWAYS DISCONNECT MAINS POWER SUPPLY FROM CONVERTER BEFORE SWITCHING “ON” LED LUMINAIRES TO PREVENT HOT PLUGGING ISSUES

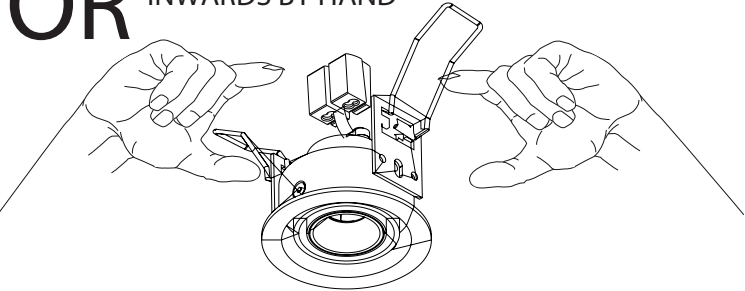


FOR COMPATIBLE CONVERTERS SEE LEDCONVERTER MATRIX

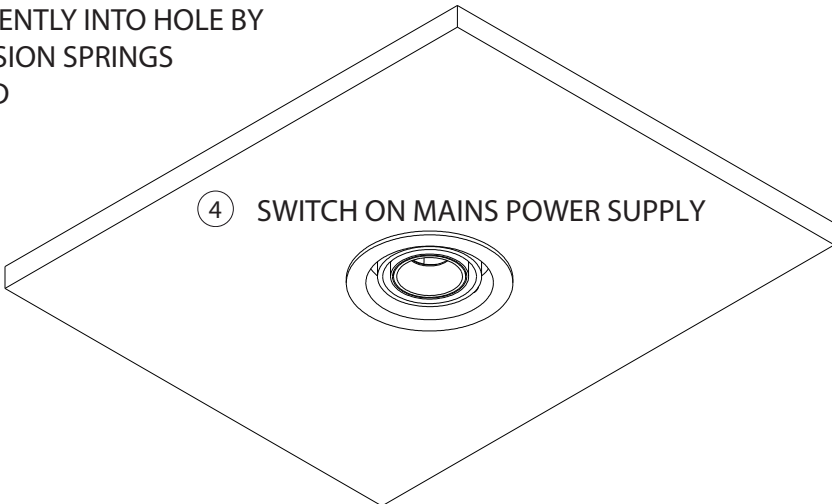
② MAKE CONNECTION WITH 2 TERMINAL BLOCKS



③ PUSH LUMINAIRE GENTLY INTO HOLE BY DEFORMING 2 LEAF SPRINGS INWARDS BY HAND



③ PUSH LUMINAIRE GENTLY INTO HOLE BY DEFORMING 2 TORSION SPRINGS UPWARDS BY HAND



④ SWITCH ON MAINS POWER SUPPLY